

Notice of Allowability

Application No.

10/040,396

Examiner

Barbara N. Burgess

Applicant(s)

SHERWOOD ET AL.

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2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed April 9, 2007.
2. ☒ The allowed claim(s) is/are 21, 24-34, 48.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 7-7-07.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

ARIO ETIENNE

SUPERVISORY PATENT EXAMINER

TECHNOLOGY CENTER 4101

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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Brian Matlock on Friday, July 6, 2007.

IN CLAIMS

Please **amend** claims 21, 34, 48 without prejudice.

Please **cancel** claims 49-51.

Amendments are shown on the following pages.

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21. (Currently Amended) A customizable application system comprising:

an application execution system configured to support an internet application;

a user interface generator operable to generate an application user interface including a user interface element, the application user interface being configured as an interface between the internet application and a client and being configured for delivery to the client over a computer network, the user interface element including a find command that is user customizable with respect to a scope of data to be searched, the scope of data to be searched customizable to include one of all results of a previously-executed query, a subset of the results of the previously-executed query, and only the results of the previously-executed query that are displayed in the application user interface;

metadata characterizing the find command;

a data repository including a data record further characterizing the find command, the data record being user modifiable in response to receiving input from a consistent user defining a property for the user customizable find command and being accessible using the metadata, the property specifying the scope of the data to search,

wherein the application user interface is automatically generated in response to a request from the client and configured with the property for the find command,

wherein the user interface is operable to display an amount of data in response to the previously-executed query, and

wherein the find command is operable to execute a search within the scope of data with respect to the result of the previously-executed query, said executed search including steps of:

displaying said subset query results in said application user interface,

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operating said application user interface independently from a database server, and providing said database server independently from the number of query operations required to retrieve a requested query result to allow a consistent user to include configuration data and personalization data in said generated application user interface without modification of the user interface design developed in page development.

34. (Currently Amended) A computer readable medium including an internet application, the internet application comprising:

an application designer module configured to develop an application user interface, the application user interface including a user interface element with a user customizable find command, the application user interface configured for delivery to a client and configured to operate as an interface between a consistent user and the internet application, the user customizable find command being customizable with respect to a scope of a search, the scope of the search being customizable to include one of all results of a previously-executed query, a subset of the results of the previously-executed query, and only the results of the previously-executed query that are displayed in the application user interface;

a user interface generator configured to generate the application user interface using a user modifiable data record stored in a location physically remote from the client the user modifiable data record configurable to characterize the user customizable find command;

a configuration system configured to receive an input from a consistent user to modify the user modifiable data record with a property for the find command, the property specifying the scope of the search,

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wherein the application user interface is automatically generated and configured with the property for the find command,
wherein the user interface is operable to display an amount of data in response to the previously-executed query, and
wherein the find command is operable to execute a search within the scope of data with respect to the result of the previously-executed query, independently from a database server, said database server independent from the type of data stored in the database server and the number of query operations required to retrieve a requested query result allowing a consistent user to include configuration data and personalization data in the generated application user interface without modification of the user interface design developed in page development.

48. (Currently Amended) An application execution system comprising:

means for supporting an internet application;

means for generating an application user interface using a user modifiable data record configured to store data characterizing a user customizable find command, the user customizable find command being customizable with respect to the scope of a search, the scope of data to be searched customizable to include one of all results of a previously-executed query, a subset of the results of the previously-executed query, and only the results of the previously-executed query that are displayed in the application user interface; and

means for providing the application user interface to a consistent user, the application user interface including a user interface element, the application user interface configured as an interface between the internet application and the consistent user, the user interface element

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including the user customizable find command, the user interface element configured for delivery to a client over a computer network,

wherein the user interface is operable to display an amount of data in response to the previously-executed query; and

wherein the find command is operable to execute a search within the scope of data with respect to the result of the previously-executed query, operating said application user interface independently from a database server, said database server independent from the number of query operations required to retrieve a requested query result and independent from the type of data stored in the database server allowing a consistent user to include configuration data and personalization data in the generated application user interface without modification of the user interface design developed in page development.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Barbara N. Burgess whose telephone number is (571) 272-3996. The examiner can normally be reached on M-F (8:00am-4:00pm).

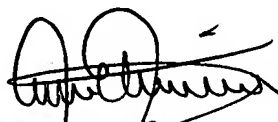
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Ettinene can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Barbara N Burgess
Examiner
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July 6, 2007


ARIO ETIENNE
SUPERVISORY PATENT EXAMINER